

SLC-085T

Diffusion LED Channel



Safety Instruction and Warning

WARNING:

READ CAREFULLY BEFORE INSTALLING.

Installation should only be performed by a qualified electrician in accordance with NEC and all applicable local building codes.

Risk of fire or electric shock. Fixture installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

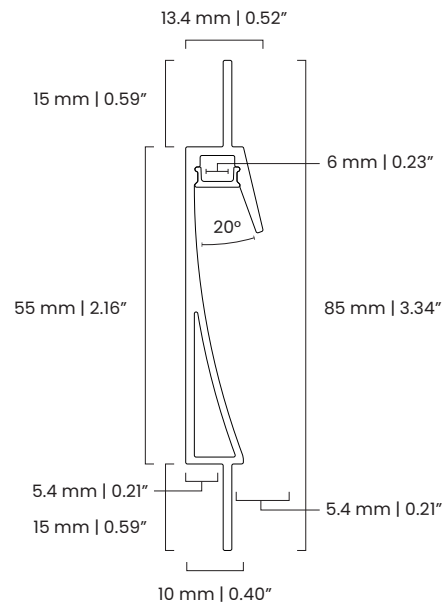
Ensure that electrical power is turned OFF before and during installation or maintenance.

Fixtures must be connected to a wiring system that includes an equipment-grounding conductor.

Ensure that the supply voltage matches the rated voltage of the luminaire fixture.

Wear gloves and safety glasses at all times when removing the luminaire from the carton, installing, servicing, or performing maintenance.

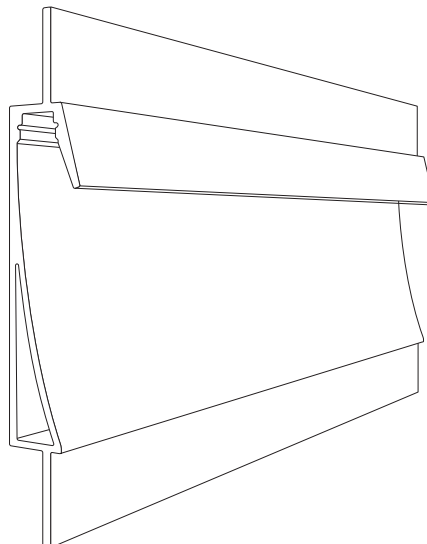
Diagram



Description

The SLC-085T Diffusion Trimless Wall Channel is a trimless channel made of anodized aluminum, with an opal polycarbonate lens that comes complete with two endcaps.

Shop Drawing



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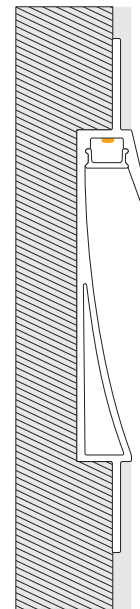


Installation Types

Notes:

****If installing outside, seal the hole where the power feed exits the fixture with silicone****

****Fixture should be built and installed based on the lengths of ribbon and power feed locations****



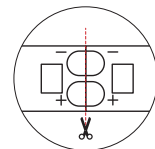
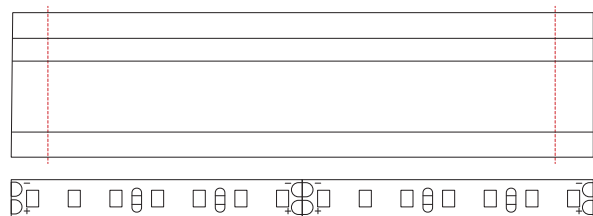
Recess/Flush Mount

Step 1

Determine the desired length for your ribbon and channel.

For the best results, cut the channel and lens together to ensure they are aligned and equal in length.

If a corner is needed, cut angles into the ends of the channel (e.g., two 45-degree cuts to create a 90-degree turn).



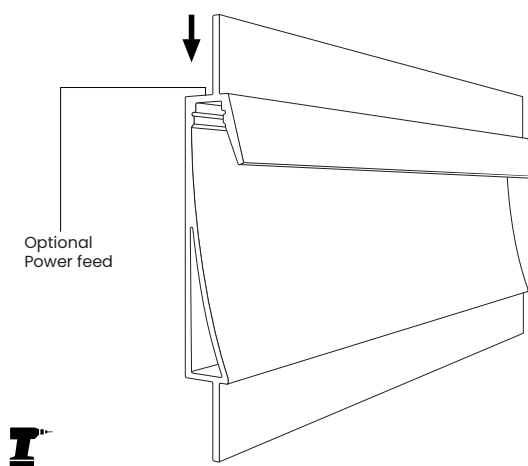
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Step 2

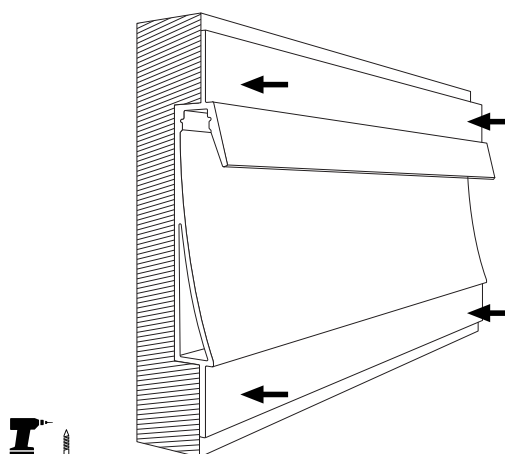
If you're feeding power from the opposite side of the fixture, drill the power feed hole in the channel using a $\frac{7}{32}$ " (5.5mm) drill bit at the desired power connection location. This should be done prior to installation.



Step 3

Install the channel into the drywall or wood recess, making sure to maintain straight lines and proper lengths.

If a power feed is required, don't forget to include a pull-string for easier wire routing.



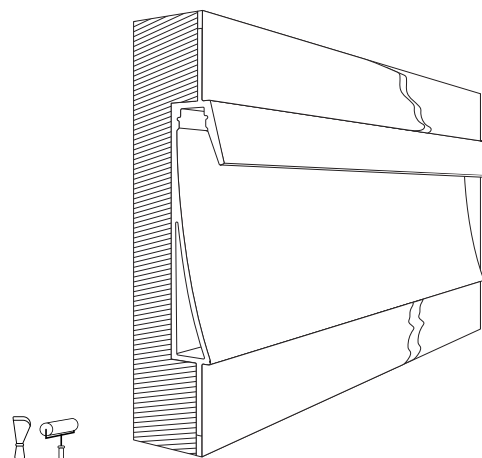
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Step 4

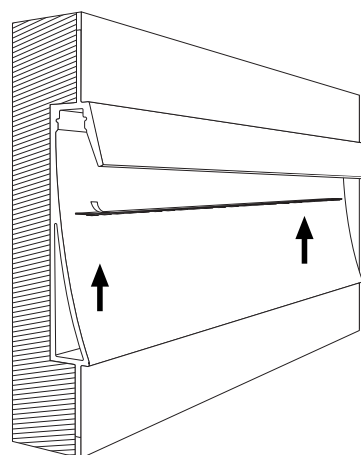
Finish the trim using drywall mud, veneer, or other suitable options.



Step 5

Install ribbon using pre-cut pieces or adaptors, ensuring power feed is at the appropriate end. Peel off the 3M double-sided tape and stick it to the inside of the channel.

If using outdoor ribbon, use silicone or construction adhesive to adhere to the channel.



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Step 6

Test the fixture to confirm proper operation. Once tested, carefully install the lens by snapping it into place, starting from one end and working down the length of the fixture.

Finished!

